

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 1    | "6246878".pn.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/31 14:09 |
| S3    | 0    | S1 and (synchroniz\$\$\$ synchronis\$ sequence "sequence number" "data fragments") with ("RNC or radio network controller")   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 11:36 |
| S4    | 1    | S1 and (synchroniz\$\$\$ synchronis\$ sequence "sequence number" "data fragments")  | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 11:37 |
| S5    | 1    | S1 and ("Radio network controller" or RNC)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 11:37 |
| S6    | 578  | 455/442.ccls.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 13:08 |
| S7    | 14   | S6 and ((chang\$3 new) near2 (RNC or "radio network controller"))   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 13:43 |
| S8    | 1    | "20040077355".pn.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 13:53 |
| S9    | 3    | Krenik.in. and 455/450.ccls.  | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 14:01 |
| S10   | 45   | Krenik.in. or Parnasik.in. and 455/450.ccls.  | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 16:12 |
| S11   | 36   | (hand\$1off hand\$1over) with (chan\$3 new) near (RNC or "radio network controller")  | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/24 16:14 |
| S12   | 18   | ("5911120"   "6134446"   "6137783"   "6137791"   "6167280"   "6223035"   "6272338").PN. OR ("6404754").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/10/24 16:37 |
| S13   | 1    | "6862450".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/10/24 16:37 |
| S14   | 9    | ("20010018345"   "20010034228"   "20010046863"   "20020107019"   "5790528"   "5850607"   "6230013"   "6590905"   "6661782").PN. OR ("6862450").URPN.                              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/10/24 16:37 |
| S15   | 1    | "6862450".pn.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/25 09:44 |
| S16   | 28   | (soft adj (hand\$1off or hand\$1over)) same ((source serv\$3 old) adj (RNC or "radio network controller")) same ((drift\$3 new chang\$3) adj (RNC or "radio network controller")) | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/10/25 10:14 |

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| S17 | 5  | ("6131030"   "6212380"   "6374112"   "6473442"   "6529490"   "EP740486").PN. OR ("6889050").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/25 10:36 |
| S18 | 0  | (new chang\$3) near2 (RNC or "radio network controller") and 455/436,437,438,439,442,444,447,502,  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 11:17 |
| S19 | 0  | (new chang\$3) near5 (RNC or "radio network controller") and 455/436,437,438,439,442,444,447,502,  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 11:07 |
| S20 | 0  | (soft adj (hand\$1off or hand\$1over)) with (SRNC TRNC RNC or "radio network controller") and 455/436,437,438,439,442,444,447,502,   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 11:09 |
| S21 | 65 | (soft adj (hand\$1off or hand\$1over)) with (SRNC TRNC RNC or "radio network controller") and 455/436,437,438,439,442,444,447,502.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 11:09 |
| S22 | 55 | (new chang\$3) near2 (RNC or "radio network controller") and 455/436,437,438,439,442,444,447,502.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 11:20 |
| S23 | 13 | ("20020064144"   "20030114158"   "20030125028"   "4706275"   "5379447"   "5444766"   "5530693"   "5732359"   "5839070"   "6061565"   "6122511"   "6466556"   "6466790").PN. OR ("6725044").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/25 12:02 |
| S24 | 1  | "20050026633".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/25 14:14 |
| S25 | 2  | ep-1107622-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/25 14:15 |

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| S26 | 16 | transceiver near3 (assign\$3 giv\$3) near2 ("IP address" address) and "455"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:21 |
| S27 | 11 | transceiver near3 (assign\$3 giv\$3) near2 ("IP address")                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:27 |
| S28 | 1  | transceiver near3 (assign\$3 giv\$3) near2 ("IP address") with internet              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:27 |
| S29 | 1  | transceiver near3 (assign\$3 giv\$3) near3 ("IP address") with internet              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:27 |
| S30 | 11 | transceiver near3 (assign\$3 giv\$3) near3 ("IP address")                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:28 |
| S31 | 11 | transceiver near4 (allocat\$3 assign\$3 giv\$3) near3 ("IP address")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:29 |
| S32 | 24 | transceiver with (allocat\$3 assign\$3 giv\$3) with ("IP address")                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:45 |
| S33 | 23 | transceiver near3 ("IP address") near5 internet                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:48 |

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| S34 | 27 | transceiver near3 ("IP address")<br>with internet                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:49 |
| S35 | 31 | transceiver near3 ("IP address")<br>same internet                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:49 |
| S36 | 6  | S35 and "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:52 |
| S37 | 29 | transceiver near5 ("IP address")<br>near8 (internet "public network") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:54 |
| S38 | 68 | transceiver near3 ("IP address")                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:54 |
| S39 | 13 | transceiver near3 ("IP address") and<br>"455"/\$.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 11:57 |
| S40 | 25 | S38 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 12:12 |
| S41 | 3  | transceiver near5 ("IP address")<br>near4 (inetnet or "IP network")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 15:28 |

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| S42 | 3  | transceiver near5 protocol with (security encrypt\$3 Qos "quality of service") same internet                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 15:32 |
| S43 | 41 | transceiver with protocol same (security encrypt\$3 Qos "quality of service") same internet                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 15:40 |
| S44 | 62 | protocol near5 (QOS "quality of service") near5 (security encrypt\$3 decrypt\$3)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 17:26 |
| S45 | 0  | transceiver near5 (QOS "quality of service") near5 (security "secure communication") same protocol                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 16:19 |
| S46 | 0  | transceiver near3 (QOS or "quality of service") near5 (security secure "secure communication") same protocol         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 16:21 |
| S47 | 1  | transceiver same (QOS or "quality of service") near5 (security secure "secure communication") same protocol          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 16:25 |
| S48 | 2  | protocol near3 (provide\$3 allow\$3) near4 (security secure "secure communication") near4 (QOS "quality of service") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 16:27 |
| S49 | 7  | protocol near5 (QOS "quality of service") near5 (security encrypt\$3 decrypt\$3) and 370/338,352,401. ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 17:27 |

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| S50 | 7   | protocol same (QOS "quality of service") same (security encrypt\$3 decrypt\$3) and 455/414.1,550.1, 552.1,73.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 17:28 |
| S51 | 214 | chang\$3 near3 (RNC or "radio network controller")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 18:05 |
| S52 | 58  | chang\$3 near3 (RNC or "radio network controller") and (soft adj (hand\$1off hand\$over))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/26 18:07 |
| S53 | 2   | wo-9638990-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/27 16:50 |
| S54 | 105 | (soft adj (hand\$1off hand\$1over)) same ("sequence number" frame fragments piece) same ((tim\$3 near transmission) synchroniz\$5 synchronis\$5)  | US-PGPUB;<br>USPAT  | OR | ON | 2005/10/28 08:53 |
| S55 | 1   | haroon.xa.  | US-PGPUB;<br>USPAT  | OR | ON | 2005/10/28 08:53 |
| S56 | 8   | ("20020173284"   "4079318"   "4406017"   "5175729"   "5748683"   "6148186"   "6157260"   "6229399").PN. OR ("6959175"). URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/28 08:55 |
| S57 | 30  | ("4337463"   "4521897"   "5245634"   "5268933"   "5388102"   "5473668"   "5586119"   "5590160"   "5659569"   "5663715"   "5793757"   "5872820"   "5883897"   "5912886"   "5920557"   "5940381").PN. OR ("6373834"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/28 13:50 |
| S58 | 257 | (transmission adj timing) and 370/352,324,331,336,337,350.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/28 13:51 |

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| S59 | 269 | (transmission adj timing) and 370/352,324,331,336,337,350.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 13:52 |
| S60 | 20  | (transmission adj timing) and (soft adj (hand\$1off hand\$1over)) and 370/352,324,331,336,337,350.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 13:55 |
| S61 | 117 | (transmission adj timing) same (synchroniz\$6 synchronis\$6) and 370/352,324,331,336,337,350.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:52 |
| S62 | 0   | jp-1051376-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 14:02 |
| S63 | 0   | jp-51376-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 14:58 |
| S64 | 2   | "6373834".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:23 |
| S65 | 4   | "6246878".pn.",6230013".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:52 |
| S66 | 788 | (synchroniz\$6 synchronis\$6) same delay and 370/352,324,331,336,337,350.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:55 |

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| S67 | 80 | S66 and (soft adj (hand\$1off hand\$1over))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:53 |
| S68 | 27 | (synchroniz\$6 synchronis\$6) same delay same (soft adj (hand\$1over hand\$1off)) and 370/352,324,331, 336,337,350.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 15:55 |
| S69 | 4  | "6078813".pn.",6532364".pn.", 5175867".pn.",6055427".pn.   | US-PGPUB;<br>USPAT  | OR | ON | 2005/10/31 14:09 |
| S70 | 13 | ("4696027"   "4718081"   "4765753"   "5056109"   "5159593"   "5267261"   "5285447"   "5287544"   "5491717"   "5491837"   "5621723"   "5901354").PN. OR ("6078813").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/10/31 14:12 |
| S71 | 36 | (soft adj (hand\$1off hand\$1over)) same (PSMM or RSS or "signal strength" or "pilot signal strength") same (MSC or "mobile switching center")                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/31 17:46 |
| S72 | 4  | ((divid\$3 adj (data information)) or fragment or (piece near2 data)) same (soft adj (hand\$1off hand\$1over))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/31 17:58 |
| S73 | 42 | ((divid\$3 adj (data information)) or fragment or (piece near2 data)) same (hand\$1off hand\$1over)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/31 17:59 |
| S74 | 0  | MSC near3 (stop\$3 cancel\$6) near4 (soft adj (hand\$1off hand\$1over))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 08:14 |
| S75 | 0  | MSC with (stop\$3 cancel\$6) near4 (soft adj (hand\$1off hand\$1over))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 08:15 |



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| S76 | 7 | MSC with (determin\$5 discover\$3<br>chang\$3 stop\$3 cancel\$6) near4<br>(soft adj (hand\$1off hand\$1over))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 08:22 |
| S77 | 4 | MSC with (determin\$5 discover\$3<br>chang\$3) with (RNC or "radio<br>network controller" BSC "base<br>station controller") same (soft adj<br>(hand\$1off hand\$1over)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/03 08:23 |